

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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**In re Application of:** Paul A. Levine

**Serial No.:** Unknown

**Art Unit:** Unknown

**Filed:** Herewith

**Examiner:** Unknown

**For:** METHOD AND APPARATUS FOR IMPROVING SPECIFICITY  
OF ATRIAL TACHYCARDIA DETECTION TECHNIQUES IN  
DUAL-UNIPOLAR OR DUAL-BIPOLAR IMPLANTABLE  
CARDIAC STIMULATION SYSTEMS

**Docket No.:** A03P1078US03

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**INFORMATION DISCLOSURE STATEMENT**

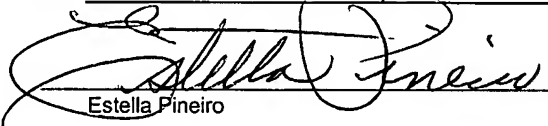
I hereby certify that this correspondence is being deposited with  
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**EV100891472US** in an Envelope addressed to:

MAIL STOP - Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450,

on: December 5, 2003

MAIL STOP PATENT APPLICATION  
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P.O. Box 1450  
Alexandria, VA 22313-1450

  
\_\_\_\_\_  
Estella Pineiro Date 12/5/03

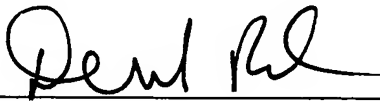
Sir:

Pursuant to 37 C.F.R. § 1.56, 1.97, and 1.98, Applicants submit herewith Form PTO-1449 listing documents believed relevant to the above-identified application. It is respectfully requested that these documents be made of record and that an initialed copy of Form PTO-1449 be returned to the undersigned. A copy of each document is enclosed unless otherwise indicated.

This Information Disclosure Statement is not to be construed as a representation that a search has been made, that additional references material to the examination of this application do not exist, or that the citations listed on Form PTO-1449 necessarily constitute prior art to the application.

Respectfully submitted,

12/5/03  
Date

  
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<b>Form PTO-1449 (modified)</b>	<b>Attorney Docket No.</b> A03P1078US03	<b>Serial No.</b> Unassigned
<b>LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT(S)' INFORMATION DISCLOSURE STATEMENT</b>	<b>Applicant(s):</b> Paul A. Levine	
<i>(Use several sheets if necessary)</i>	<b>Filing Date:</b> Herewith	<b>Group Art Unit:</b> Unassigned

## U.S. PATENT DOCUMENTS

Examiner Initials	Document No.	Date	Name	Class / Subclass	Filing Date
	4,856,523	08/15/1989	Sholder et al.	607/17	10/08/1987
	4,944,298	07/31/1990	Sholder	607/14	05/23/1989
	5,144,949	09/08/1992	Olson	607/17	03/15/1991
	5,441,523	08/15/1995	Nappholz	607/14	04/12/1994
	5,466,254	11/14/1995	Helland	607/123	09/22/1993
	5,522,855	06/04/1996	Hoegnelid	607/9	08/23/1994
	5,549,649	08/27/1996	Florio, et al.	607/15	06/10/1994
	5,591,214	01/07/1997	Lu	607/9	11/20/1995
	6,128,533	10/03/2000	Florio, et al.	607/9	03/22/1999
	6,516,225	02/04/2003	Florio	607/9	09/15/2000

Examiner

Date Considered

**Examiner:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance *and* not considered. Include copy of this form with next communication to applicant(s).

<b>Form PTO-1449 (modified)</b>	<b>Attorney Docket No.</b> <b>A03P1078US03</b>	<b>Serial No.</b> <b>Unassigned</b>
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<i>(Use several sheets if necessary)</i>	<b>Filing Date:</b> Herewith	<b>Group Art Unit:</b> Unassigned

## PUBLICATIONS / OTHER ART

Examiner Initials	Citation
	Johan Brandt et al. "Far Field QRS Complex Sensing via the Atrial Pacemaker Lead. I. Mechanisms, Consequences, Differential Diagnosis and Countermeasures in AAI and VDD/DDD Pacing," PACE, Vol. 11 (October 1998), pp 1432-1438.
	Mark D. Gabry et al., "Comparison of Myopotential Interference in Unipolar-Bipolar Programmable DDD Pacemakers," PACE, Vol. 10 (Nov-Dec 1987), pp 1322-1330.
	W. Irnich et al., "Filter Characteristics of Pacemaker Amplifiers," Medical and Biological Engineering (Nov 1975), pp 889-893.
	P.A. Levine et al., "Automatic Mode Switching in the Pacesetter Trilogy DR+ and Trilogy DC+ Pulse Generators," in Sethi KK (ed), Proceedings of the VI Asian Pacific Symposium on Cardiac Pacing and Electrophysiology, 1997, publ: Monduzzi Editore S.p.A., Bologna, Italy, pp 167-173.
	P.A. Levine et al., "Implementation of Automatic Mode Switching in Pacesetter's Trilogy DR+ And Affinity DR Pulse Generators," Herzschrittmacher Elektrophysiology 10, Suppl 1 (1999), 146-157.
	Paul A. Levine, M.D., Dual Chamber and Dual Chamber Rate Modulated Management Options for the Pacemaker Patient with Recurrent Paroxysmal Supraventricular Tachycardias, Pacesetter Inc., a St. Jude Medical Company, Sylmar CA (1995).
	Uwe K.H. Wiegand et al. "Should Unipolar Leads be Implanted in the Atrium? A Holter Electrocardiographic Comparison of the Threshold Adapted Unipolar and High Sensitive Bipolar Sensing," PACE, Vol. 21 (Aug 1998), pp 1601-1608.

Examiner

Date Considered

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